Claims:

- 1. A collapsible metal air fuel cell, comprising:
 - a unit cell including:
 - a pair of metal frames;
- a rubber housing adhered to left, right and lower sides of the metal frames;
 - a separator and an air cathode adhered to an outer side of the metal frame; and
- a plate like metal fuel electrode inserted into the interior of the metal frames.
 - 2. The cell of claim 1, wherein said separator is polypropylene non-woven fabric.
- 15 3. The cell of claim 1, wherein said air cathode has one surface coated with a porous hydrophobic layer, and another surface coated with an activated carbon powder.
- 4. The cell of claim 1, wherein said metal air fuel electrode is a metal composed of aluminum and magnesium.

5. The cell of claim 1, wherein said metal frame has bent portions in the four sides of a rectangular metal frame, wherein the inner side of the same is formed in a window lattice shape.

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- 6. The cell of claim 1, wherein said metal frame has bent portions in the four sides of a rectangular metal frame, wherein the inner side of the same is formed with punched holes.
- 7. The cell of either claim 5 or 6, wherein said metal frame has angular corners of the bent portions cut away at 45° and are not overlapped when the bent portions of the metal frame are folded, and the bent portions are draw-formed by a depth of 0.8~1.2mm.
- 15 8. The cell of claim 1, wherein said rubber housing includes a pair of rubber tubes in the lower sides of the left and right sides.
 - A method for fabricating a collapsible metal air fuel cell, comprising the steps of:
- 20 the first step for curing at 150~290°C for 40~210 seconds and forming a

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rubber housing in a metal frame;

the second step for adhering a separator to an outer side of the metal frame;

the third step for adhering an air cathode to an upper side of the separator; and

the fourth step for folding bent portions of the metal frame using a press machine.

- 10. The method of claim 9, wherein when compressing the bent portions of the metal frame of the fourth step using a press machine, a metal insertion material is inserted into the interior of the cell.
 - 11. The cell of claim 1, wherein when a plurality of unit cells are connected in series, an air diffusion plate is inserted between the unit cells, and a rubber band is adhered to the left and right sides of the cell.
 - 12. The cell of claim 11, further comprising a water container having a rubber tube connector.
 - 13. The cell of claim 12, wherein said water container includes a salt bag

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formed of a porous non-woven fabric and having an electrolyte salt.

14. The cell of claim 12, wherein said air diffusion plate has the porosity of 90% with 10~40ppi.

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15. The cell of claim 12, wherein said rubber tube connector is connected with a rubber tube formed in a rubber housing in a zigzag pattern, so that electrolyte is consecutively filled.